



PATENT

Case Docket No. ELITRA.025C2

Date: October 22, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lagace et al.
App. No. : 10/672,787
Filed : September 26, 2003
For : NUCLEOTIDE SEQUENCES OF
MORAXELLA CATARRHALIS
GENOME
Examiner : Not Assigned
Group Art Unit : Not Assigned

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on

October 22, 2003

(Date)

Sheila R. Gibson
Sheila R. Gibson, Reg. No. 54,120

TRANSMITTAL LETTER

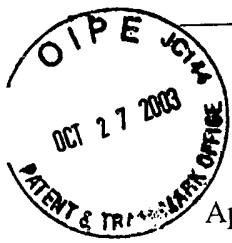
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) Information Disclosure Statement.
- (X) Form PTO-1449 listing twenty-six (26) references.
- (X) Return prepaid postcard.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment, to Account No. 11-1410.

Sheila R. Gibson
Sheila R. Gibson
Registration No. 54,120
Attorney of Record

**INFORMATION DISCLOSURE STATEMENT**

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For	:	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME
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Group Art Unit	:	Not Assigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing twenty-six (26) references, twenty-five of which were previously disclosed to or cited by the Patent and Trademark Office in the prosecution of U.S. Patent Application No. 09/596,002, filed June 16, 2000, now U.S. Patent No. 6,632,636, which is the parent of this application, and is relied upon for an earlier filing date under 35 U.S.C. § 120, and which is also listed on the form PTO-1449. Copies of references that were previously disclosed are not submitted pursuant to 37 C.F.R. § 1.98(d). In addition, a copy of listed U.S. Patent No. 6,632,636 is not included pursuant to the PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003.

Appl. No. :
Filed :

Docket No.
Customer No. 20,995

This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

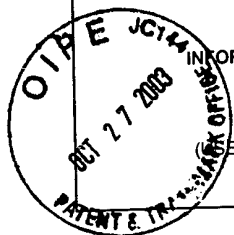
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 22, 2003

By: Sheila R. Gibson
Sheila R. Gibson
Registration No. 54,120
Attorney of Record
Customer No. 20,995
(619) 235-8550

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ELITRA.025C2APPLICATION NO.
10/672,787INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Lagace et al.FILING DATE
September 26, 2003GROUP
Not Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1.	5,474,796	12/12/95	Brennan			
	2.	5,605,662	02/25/97	Heller, et al.			
	3.	5,830,721	11/03/98	Stemmer, et al.			
	4.	5,876,946	03/02/99	Burbaum, et al.			
	5.	6,110,704	08/29/00	Huang et al.			
	6.	6,632,636	10/14/03	Lagace et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL		
	7.	Athauda et al., "Entrapment and inhibition of human immunodeficiency virus proteinase by α_2 -macroglobulin and structural changes in the inhibitor," <i>J. Biochem.</i> , 113: 742-746 (1993)
	8.	Bhushan R. et al., "Molecular Cloning and Characterization of Outer Membrane Protein E of Moraxella (Branhamella) catarrhalis," <i>Journal of Bacteriology</i> , 176: 6636-6643 (1994)
	9.	Blattner et al., "Analysis of the <i>Escherichia coli</i> genome. IV. DNA sequence of the region from 89.2 to 92.8 minutes," <i>Nucleic Acids Research</i> , 21: 5408-5417 (1993)
	10.	Braxton et al., "Incorporation of a stabilizing Ca^{2+} -binding loop into subtilisin BPN," <i>Biochemistry</i> , 31: 7796-7801 (1992)
	11.	Bult et al., "Complete genome sequence of the methanogenic archaeon," <i>Methanococcus jannaschii</i> , <i>Science</i> , 273: 1053, 1067-1073 (1996)
	12.	Cote et al., "Generation of human monoclonal antibodies reactive with cellular antigens," <i>Proc. Natl. Acad. Sci. USA</i> , 80: 2026-2030 (1983)
	13.	Fleischmann et al., "Whole-genome random sequencing and assembly of <i>Haemophilus influenzae</i> Rd," <i>Science</i> , 269: 496-498, 507-512 (1995)
	14.	Fraser et al., "The minimal gene complement of <i>Mycoplasma genitalium</i> ," <i>Science</i> , 270: 397-403 (1995)
	15.	Gee et al., "Potential therapeutic usefulness of intermolecular triplex DNA," <i>In Huber, B. E. (Ed.). Molecular & Immunologic Approaches</i> , 1: 163-177: (1994)
	16.	Gordon et al., "Consed: A graphical tool for sequence finishing," <i>Genome Research</i> , 8: 195-202 (1998)
	17.	Heller et al., "Discovery and analysis of inflammatory disease-related genes using cDNA microarrays," <i>Proc. Natl. Acad. Sci. USA</i> , 94: 2150-2155 (1997)
	18.	Helminen et al., "A Large Antigenically Conserved Protein on the Surface of Moraxella catarrhalis Is a Target for Protective Antibodies," <i>Journal of Infectious Disease</i> , 170: 867-872 (1994)
	19.	Hensel et al., "Simultaneous identification of bacterial virulence genes by negative selection," <i>Science</i> , 269: 400-403 (1995)
	20.	Huse et al., "Generation of a large combinatorial library of the immunoglobulin repertoire in Phage Lambda," <i>Science</i> , 246: 1275-1281 (1989)

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	21.	Kohler et al., "Continuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> , 256: 495-497 (1975)
	22.	Kozbor et al., "Specific immunoglobulin production and enhanced tumorigenicity following ascites growth of human hybridomas," <i>Journal of Immunological Methods</i> , 81: 31-42 (1985)
	23.	Lander et al., "Genomic mapping by fingerprinting random clones: A mathematical analysis," <i>Genomics</i> , 2: 231-239 (1988)
	24.	Mahan et al., "Selection of bacterial virulence genes that are specifically induced in host tissues," <i>Science</i> , 259: 686-688 (1993)
	25.	Sanger et al., "A rapid method for determining sequences in DNA by primed synthesis with DNA polymerase," <i>J. Mol. Biol.</i> , 94: 441-448 (1975)
	26.	Schena et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes," <i>Proc. Natl. Acad. Sci. USA</i> , 93:10614-10619 (1996)

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<p>*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	